

IN THE CLAIMS:

Please amend claims 2 and 9 as follows.

1. (Previously Presented) A method of allocating a channel in a mobile system, comprising:

arranging in the system unallocated telecommunication channels between a base station controller and a base station,

allocating in call set-up at least one of said telecommunication channels to the base station handling the call, and

controlling the base station controller to transmit information to the base station on the telecommunication channel allocated thereto.

2. (Currently Amended) A method as claimed in claim 1, wherein said telecommunication channels are circuit-switched and that ~~in that~~ in the method: [[;]]

said telecommunication channels are classified on the basis of their characteristics into at least two categories, i.e. primary telecommunication channels and secondary telecommunication channels, and

in call set-up, a primary telecommunication channel, if available, is allocated to the base station, otherwise a free secondary telecommunication channel is allocated thereto.

3. (Previously Presented) A method as claimed in claim 2, wherein said free telecommunication channels are classified into categories on the basis of their data transmission capacity or quality such that the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels.

4. (Previously Presented) A mobile system, which comprises
a base station controller and

at least a first and a second base station, which comprise transceiver units for establishing a telecommunication connection by radio signals to the subscriber terminals located in the base station coverage area and switching means for switching the base station transceiver units onto a particular channel of a plurality of optional telecommunication channels between the base station controller and the base stations, wherein

the base station controller comprises control means which in call set-up allocate at least one of said telecommunication channels to the first or the second base station for the call and which transmit a predetermined message indicating the allocated telecommunication channel to the base station to whom the channel is allocated, and

the switching means of the first, and correspondingly, of the second base station are responsive to said message for switching the base station transceiver units to the telecommunication channel assigned by said message.

5. (Previously Presented) A mobile system as claimed in claim 4, wherein
said telecommunication channels are circuit-switched telecommunication channels
that are classified on the basis of their characteristics into at least two categories, that is,
into primary telecommunication channels and secondary telecommunication channels and
that

said control means allocate in call set-up a primary telecommunication channel, if
available, to the call, otherwise a free, secondary telecommunication channel is allocated
thereto.

6. (Previously Presented) A mobile system as claimed in claim 4, wherein the
primary telecommunication channels have larger data transmission capacity or they are of
better quality than the secondary telecommunication channels.

7. (Previously Presented) A mobile system as claimed in claim 4 wherein said
message indicating the allocated telecommunication channel also indicates a radio
channel to be used in the call to the transceiver unit of the base station.

8. (Previously Presented) A mobile system as claimed in claim 4 wherein
said mobile system is the GSM system and

said message consists of a CHANNEL ACTIVATION message in accordance with the GSM specifications part 08.58, to which is added information on the telecommunication channel allocated to the base station.

9. (Currently Amended) A mobile system base station, which comprises transceiver units for establishing a telecommunication connection by radio signals to the subscriber terminals located in the coverage area of the base station, and switching means for switching its transceiver units to particular channels of a plurality of optional ~~circuit-switched~~ telecommunication channels, said switching means being responsive to a message received by the base station in conjunction with the call set-up for switching a particular transceiver unit onto the ~~circuit-switched~~ telecommunication channel indicated by the message for the call.

10. (Previously Presented) A base station as claimed in claim 9, wherein said particular transceiver unit comprises means for applying a radio channel assigned by the message for the duration of the call to be established.

11. (Previously Presented) A base station controller comprising:
means for communicating with base stations via a plurality of optional telecommunication channels between the base station controller and the base stations, and

control means which are arranged to allocate in call set-up at least one of said telecommunication channels to a base station for a call and which are arranged to transmit a predetermined message indicating the allocated telecommunication channel to the base station to whom the channel is allocated.